



NAVMSMO

Navy Modeling and Simulation Management Office

Navy Modeling and Simulation Management Office



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Schema

FUTURE WARFARE



M&S Community

Science &
Technology

Standards

Warfighter & User Credibility



Infrastructure (Enablers)



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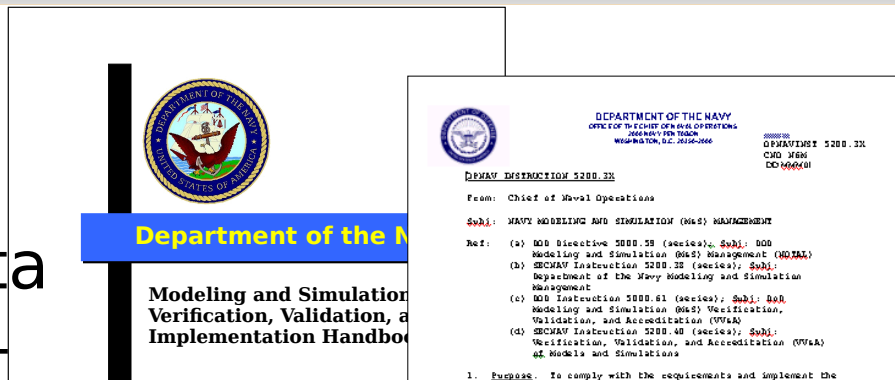
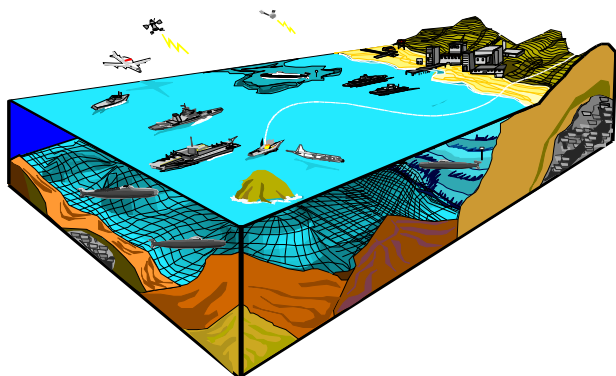
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Infrastructure

- Policies
- NMSIS
- M&S Library and Data
- Natural Environment



NMSIS

<http://www.navmsmo.navy.mil>

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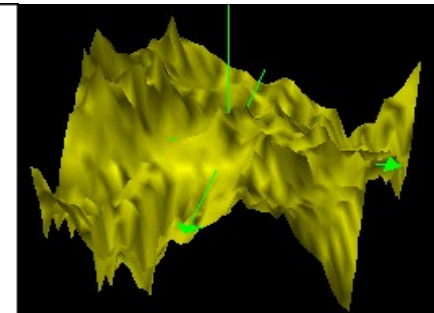
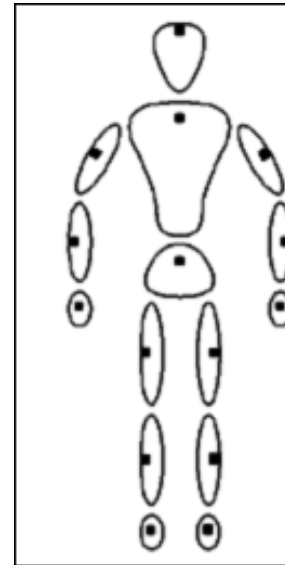
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Science & Technology

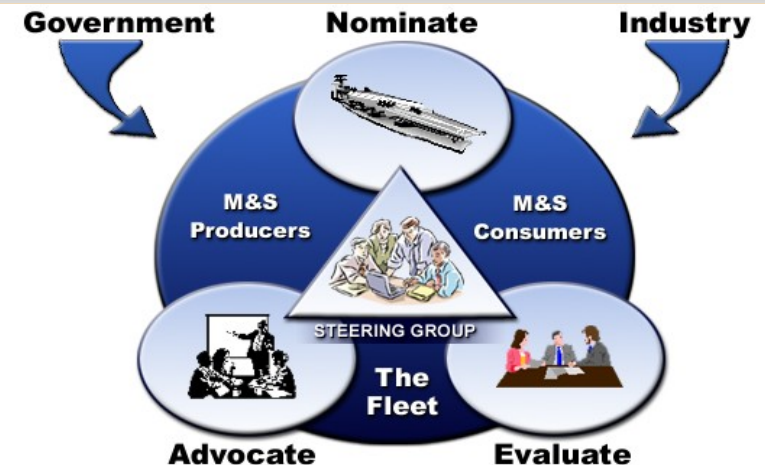
- S&T transition of M&S initiatives
- Industry and DOD leveraging
- Realistic Human Modeling
- Composibility Framework
- Consistent Synthetic Environment
- Virtual Reality



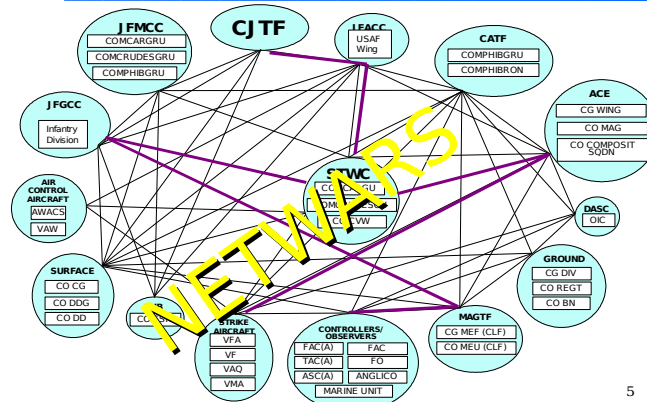


Standards

- High Level Architecture
- Data Standards
- M&S mark-up languages
- Reference architectures
- Navy Training Model (NTMF)
- C4I/SIM
- VV&A



Strike Warfare-Centered C4ISR Connectivity Nodes (notional)



Department of the Navy

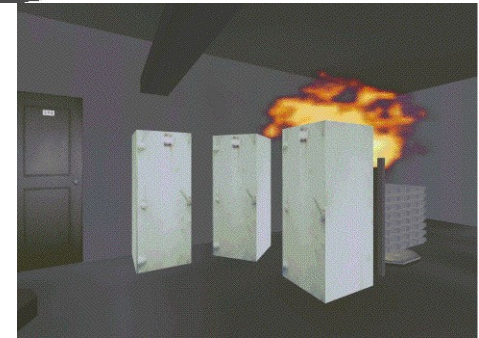
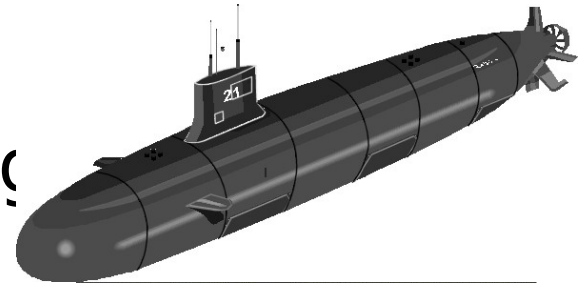
Modeling and Simulation
Verification, Validation, and Accreditation
Implementation Handbook

February 2001

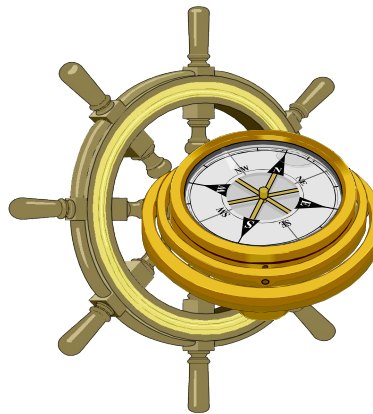


M&S Credibility

- Conceptual models
- User education and training
- VV&A
- Requirements alignment
- Computer Maturity Model



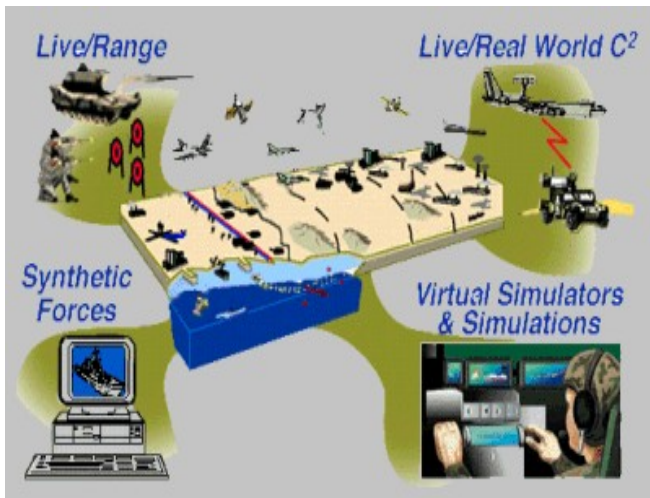
CMMI + **V&V** = **A+**





M&S Community

- Officer M&S graduate education
- Officer career opportunities
- Technical Interchange Meetings
- Distributed Learning



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, D.C. 20350-2000

REFER TO:
5200
Ser N6B/1U55514
9 March 01

From: Head, Navy Modeling and Simulation Office
To: Commanding Officer, Naval Manpower Analysis Center

Subj: REQUEST ESTABLISHMENT OF NEW SUBSPECIALTY IN MODELING AND SIMULATION

Ref: (a) SECNAVINST 5200.38 of 18 Oct 94
(b) NAVPGSCOL ltr 1550 Ser 32/066 of 17 Oct 96
(c) CNO ltr 1524 Ser N731/6U637327 of 19 Nov 96
(d) CNO ltr 1524 Ser N6M/6U555226 of 19 Dec 96

Encl: (1) Justification for Establishment of Subspecialty in Modeling and Simulation

1. I ask that you establish an officer subspecialty in modeling and Simulation (M&S) prior to the next zero-based review.
2. M&S is a critical enabler in doctrine, assessment, acquisition, training and analysis. Computer processing has increased in power and



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